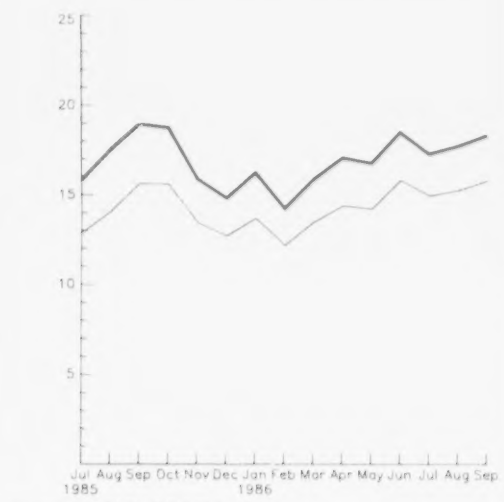
MONTHLY TIRE REPORT

September 1986

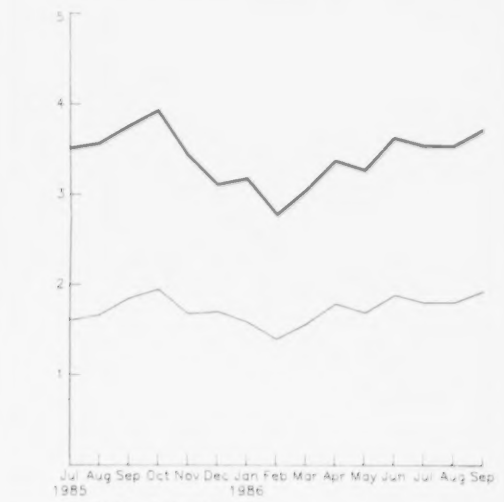
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



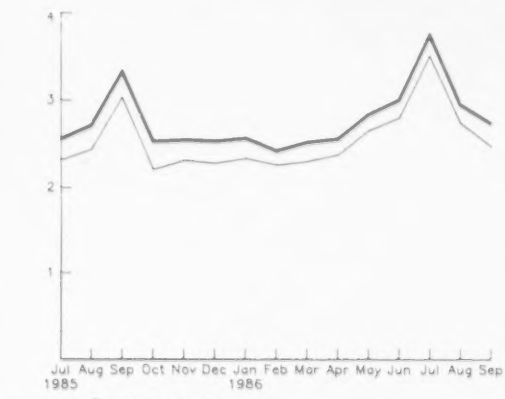
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



Figures in Millions of Units

PASSENGER TIRE IMPORTS



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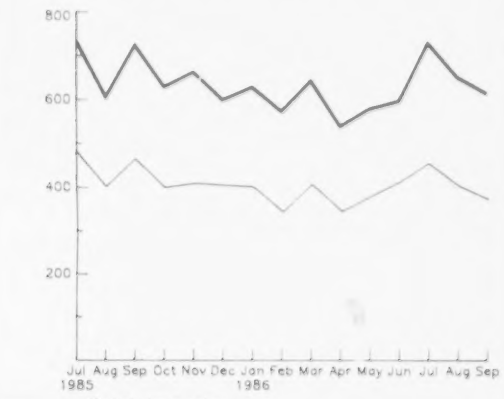

Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. September 1986 total shipments are own -3.3% from September 1985 for passenger tires, and down -1.0% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1983 to 1985, passenger tire imports have increased 93.5%, and truck and bus tire imports have grown by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: November 04, 1986

	September 1986	September 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,766	4,668	+2.10	41,396	41,705	-0.74
Radial	4,050	3,908	+3.63	34,819	34,747	+0.21
Replacement	13,145	13,902	-5.45	107,642	106,043	+1.51
Radial	11,440	11,459	-0.17	92,768	85,329	+8.72
Export	403	365	+10.41	2,932	3,803	-22.90
Radial	329	275	+19.64	2,248	3,002	-25.12
Total	18,314	18,935	-3.28	151,970	151,551	+0.28
Radial	15,819	15,642	+1.13	129,835	123,078	+5.49
Production	13,929	13,358	+4.27	118,796	123,755	-4.01
Radial	11,774	10,743	+9.60	100,395	98,554	+1.87
Ending Inventory	27,837	33,569	-17.08	-	-	-
Radial	24,331	27,833	-12.58	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	593	668	-11.23	5,236	5,877	-10.91
Radial	400	413	-3.15	3,487	3,672	-5.04
Replacement	2,997	2,966	+1.05	23,798	23,772	+0.11
Radial	1,463	1,367	+7.02	11,340	10,209	+11.08
Export	121	114	+6.14	988	1,006	-1.79
Radial	65	68	-4.41	596	529	+12.67
Total	3,711	3,748	-0.99	30,022	30,655	-2.06
Radial	1,928	1,848	+4.33	15,423	14,410	+7.03
Production	2,611	3,486	-25.10	22,985	26,558	-13.45
Radial	1,334	2,019	-33.93	11,181	12,168	-8.11
Ending Inventory	7,053	7,945	-11.23	-	-	-
Radial	3,919	3,946	-0.68	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	54	79	-31.65	488	887	-44.98
Replacement	2	14	-85.71	53	87	-39.08
Export	-	-	-	-	1	-
Total	56	93	-39.78	541	975	-44.51
Production	51	87	-41.38	452	845	-46.51
Ending Inventory	111	118	-5.93	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	39	51	-23.53	395	477	-17.19
Replacement	197	212	-7.08	1,862	1,939	-3.97
Export	13	12	+8.33	129	129	+0.00
Total	249	275	-9.45	2,386	2,545	-6.25
Production	230	190	+21.05	2,049	2,141	-4.30
Ending Inventory	636	716	-11.17	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	386	380	+1.58	3,828	4,685	-18.29
Replacement	138	108	+27.78	1,470	1,471	-0.07
Export	19	13	+46.15	156	171	-8.77
Total	543	501	+8.38	5,454	6,327	-13.80
Production	584	585	-0.17	5,552	6,305	-11.94
Ending Inventory	2,248	1,653	+36.00	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	683	597	+14.41	5,155	5,588	-7.75
Truck & Bus	1,439	1,428	+0.77	11,582	12,615	-8.19
Tractor-Implement	261	216	+20.83	1,920	1,938	-0.93
Industrial & Utility	178	133	+33.83	1,232	1,549	-20.46

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
CUMULATIVE	22,965	2,241	1,137	458	2,725	1,603	1,327	23	471	3,332	2,021	3,111	188
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
September	2,462	260	84	106	289	134	86	4	46	310	148	243	27
CUMULATIVE	23,400	1,849	955	700	2,565	1,324	1,416	30	533	3,070	1,791	3,021	276
October													
November													
December													
% Change Month	-9.9	26.8	-5.6	39.5	-8.3	-21.2	-17.3	.0	-37.8	-9.9	-16.4	-16.2	17.4
% Change Month 86 vs. 85	-18.8	-10.3	-41.3	89.3	-10.2	-33.7	-42.7	.0	-9.8	1.0	-12.9	-30.4	50.0
% Change Cumulative	1.9	-17.5	-16.0	52.8	-5.9	-17.4	6.7	30.4	13.2	-7.9	-11.4	-2.9	46.8

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

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RMA Industry Report

MONTHLY TIRE REPORT

October 1986

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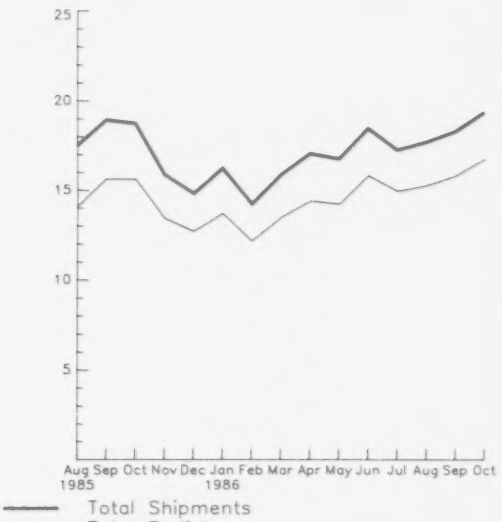
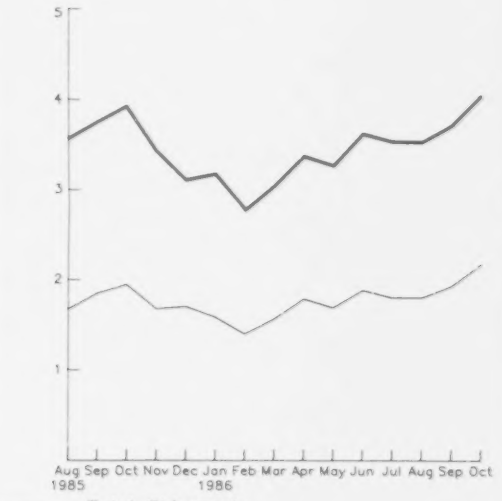


Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



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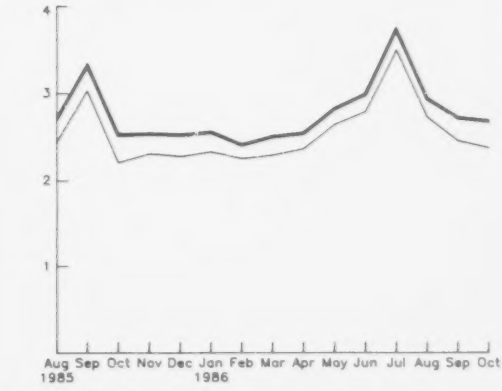

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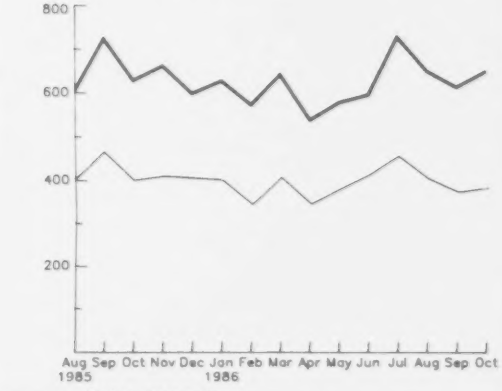

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RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: December 02, 1986

PASSENGER TIRES	October 1986	October 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	5,098	4,914	+3.74	46,494	46,619	-0.27
Radial	4,301	4,141	+3.86	39,120	38,888	+0.60
Replacement	13,870	13,545	+2.40	121,512	119,588	+1.61
Radial	12,154	11,296	+7.60	104,922	96,625	+8.59
Export	409	258	+58.53	3,340	4,060	-17.73
Radial	320	167	+91.62	2,568	3,170	-18.99
Total	19,377	18,717	+3.53	171,346	170,267	+0.63
Radial	16,775	15,604	+7.50	146,610	138,683	+5.72
Production	15,231	14,583	+4.44	134,027	138,338	-3.12
Radial	13,030	11,910	+9.40	113,426	110,464	+2.68
Ending Inventory	27,292	32,551	-16.16	-	-	-
Radial	23,873	26,929	-11.35	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	597	679	-12.08	5,833	6,556	-11.03
Radial	426	459	-7.19	3,913	4,131	-5.28
Replacement	3,335	3,122	+6.82	27,134	26,894	+0.89
Radial	1,684	1,414	+19.09	13,023	11,623	+12.05
Export	109	120	-9.17	1,097	1,125	-2.49
Radial	60	73	-17.81	656	602	+8.97
Total	4,041	3,921	+3.06	34,064	34,575	-1.48
Radial	2,170	1,946	+11.51	17,592	16,356	+7.56
Production	2,949	3,043	-3.09	25,935	29,601	-12.38
Radial	1,518	1,357	+11.86	12,699	13,525	-6.11
Ending Inventory	6,838	7,874	-13.16	-	-	-
Radial	3,871	3,908	-0.95	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	51	70	-27.14	539	957	-43.68
Replacement	1	15	-93.33	54	101	-46.53
Export	-	-	-	-	1	-
Total	52	85	-38.82	593	1,059	-44.00
Production	26	86	-69.77	477	931	-48.76
Ending Inventory	85	133	-36.09	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	47	50	-6.00	442	527	-16.13
Replacement	201	202	-0.50	2,063	2,142	-3.69
Export	16	17	-5.88	145	145	+0.00
Total	264	269	-1.86	2,650	2,814	-5.83
Production	253	224	+12.95	2,301	2,365	-2.71
Ending Inventory	603	659	-8.50	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	537	487	+10.27	4,366	5,172	-15.58
Replacement	144	123	+17.07	1,614	1,594	+1.25
Export	20	14	+42.86	175	186	-5.91
Total	701	624	+12.34	6,155	6,952	-11.46
Production	754	786	-4.07	6,306	7,091	-11.07
Ending Inventory	2,267	1,819	+24.63	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	711	707	+0.57	5,866	6,294	-6.80
Truck & Bus	1,549	1,562	-0.83	13,131	14,177	-7.38
Tractor-Implement	241	221	+9.05	2,162	2,159	+0.14
Industrial & Utility	191	132	+44.70	1,423	1,681	-15.35

* Inner Tube figures are for shipments only, not production.

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